

A

A

B

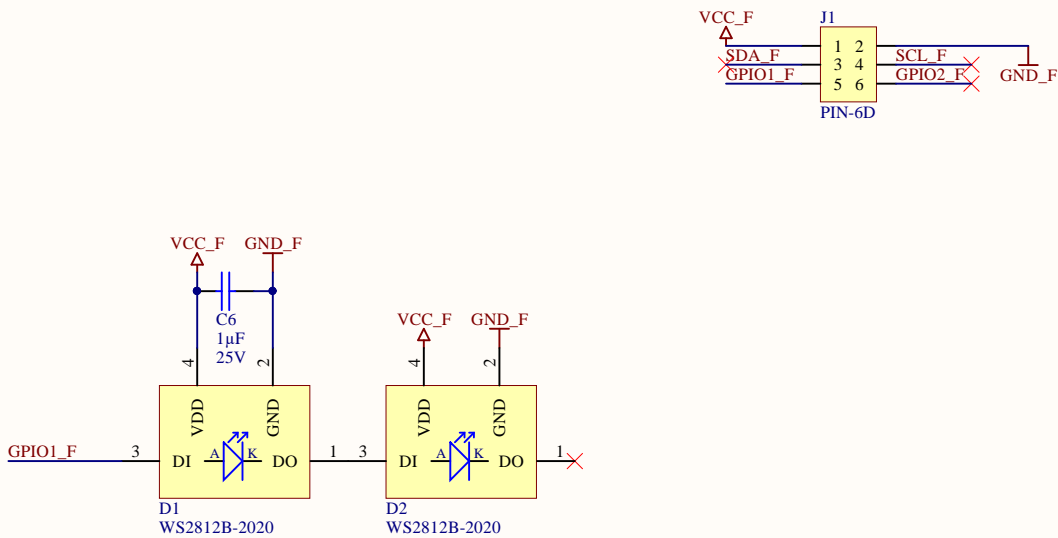
B

C

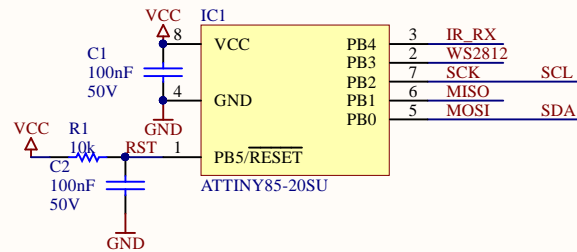
C

D

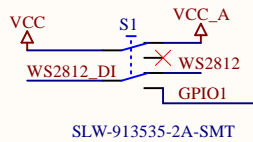
D



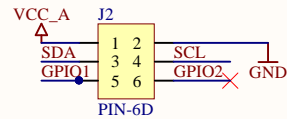
MCU



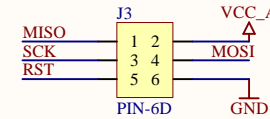
SWITCH WS2812-EXTERNAL <=> WS2812-MCU



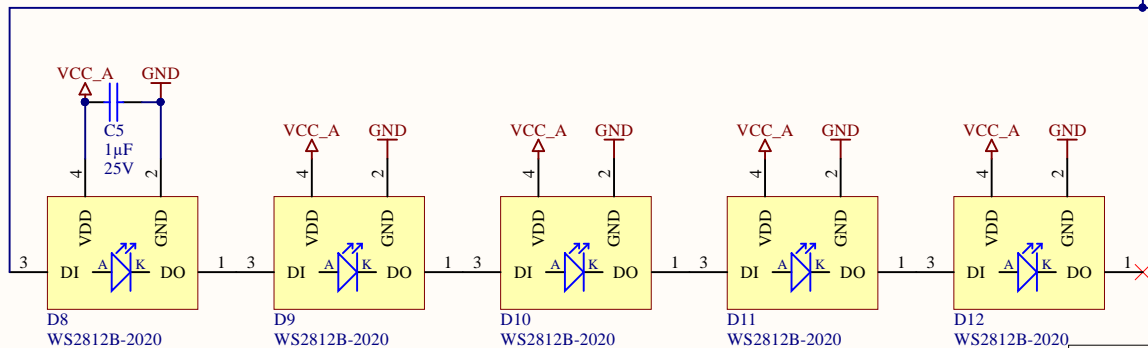
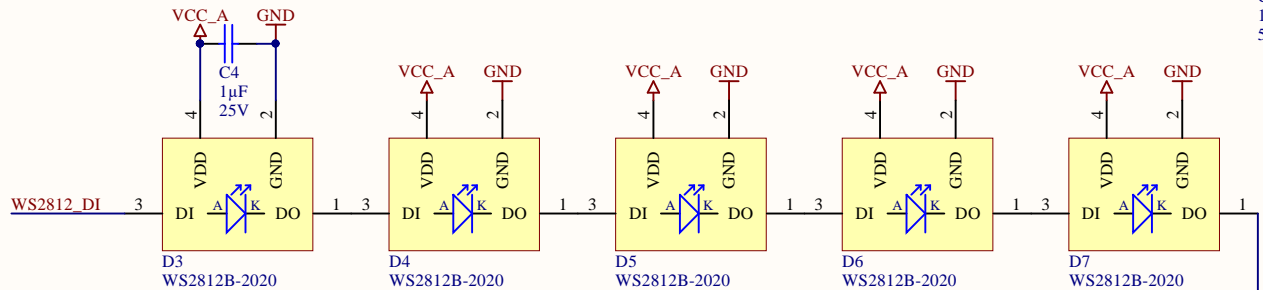
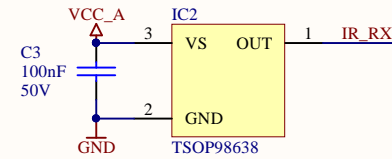
SAO CONNECTOR

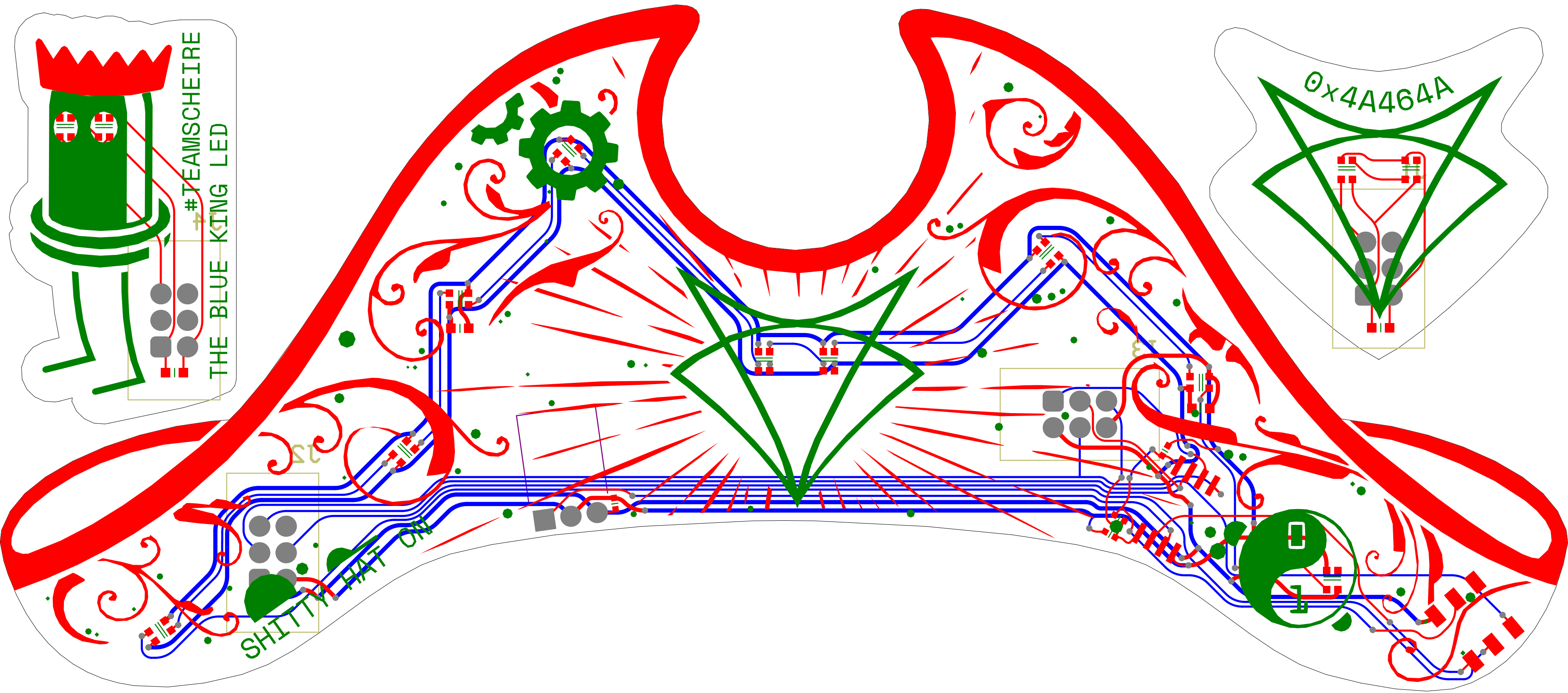


PROGRAMMING CONNECTOR AVRISP



IR-Receiver

Title **ROBOX V2 - General Overview**Size: **A4**Number: **JSP016**Revision: **A**Date: **17/07/2024**Time: **1:27:52**Sheet **1** of **6**File: **C:\Users\janst\Nextcloud\Thuis\Projecten\Fri3d\2024 SHO (Shitty Hat On)\PCB design\JSP017RB (SHO)\JSP017-HAT.S**





e-motionlabs

Kempische Steenweg 311 bus 2.18, 3500 Hasselt

BILL OF MATERIALS

Project Title:	EMLP002RA.PrjPCB	Number of PCB's	1
BOM Revision:	REV1		
Date:	30/10/2019		

Components												
Designator	#Column Name Error	#Column Name Error:value	Description	#Column Name Error:manufacturer_ref	manufacturer	supplier_1	supplier_1_partnumber	price	Quantity	Cost	Quantity for all PCB's	Total Cost
IC2			SENSOR REMOTE REC 38.0KHZ 24M		Vishay Semiconductor Opto Division	digikey	TSOP98638-ND	0,88	1	0,88	1	0,88
R1			RES SMD 10K OHM 1% 1/10W 0402		Panasonic Electronic Components	digikey	P10.0KLCT-ND	0,00703	1	0,00703	1	0,00703
D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14			SMD,2x2mm RGB LEDs(Built-in IC) ROHS		Worldsemi	lcsc / tme	C965555 / WS2812B-2020		14	#WAARDE!	14	#WAARDE!
IC1			IC MCU 8BIT 8KB FLASH 8SOIC		Microchip Technology	digikey	ATTINY85-20SU-ND	1,274	1	1,274	1	1,274
S1			SWITCH SLIDE DPDT 0.1A 12V		CUI Devices	digikey	2223-SLW-913535-2A-SMTCT-ND	0,46040	1	#WAARDE!	1	#WAARDE!
J1, J2, J3, J4			CONN HEADER VERT 6POS 2.54MM		Adam Tech	digikey	2057-BHR-06-VUA-ND	0,192	4	0,768	4	0,768
C1, C2, C3			CAP CER 0.1UF 50V X5R 0402		Murata Electronics	digikey	490-16356-1-ND	0,00933	3	0,02799	3	0,02799
C4, C5, C6, C7			CAP CER 1UF 25V X5R 0603		YAGEO	digikey	311-1445-1-ND	0,01837	4	0,07348	4	0,07348
								0	0	#WAARDE!	29	#WAARDE!